

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 1-3, 5-9, 11-16 and 18-31 without prejudice or disclaimer, AMEND claims 4, 10 and 17 and ADD new claims 32-49 in accordance with the following:

1 - 3 (cancelled)

4. **(currently amended)** ~~The~~ A stereoscopic display device of claim 1, wherein:
~~the at least one source of images comprises~~comprising:
a first image source which displays a first image, and
a second image source which displays a second image;
~~the~~ a first beam splitter which transmits a portion of the first image and reflects another portion of the first image;
~~the~~ a holographic optical element ~~has comprising~~ comprising an aspherical lens function and which reflects the transmitted portion of the first image back onto the first beam splitter which further reflects the transmitted portion of the first image; and
~~the stereoscopic display device further comprises a second beam splitter which transmits the second image onto a first space and reflects the further reflected portion of the first image, projects the further reflected portion of the first image onto a first space and projects the second image onto a second space.~~

5-9 (cancelled)

10. **(currently amended)** ~~The stereoscopic~~A display device, of claim 9, wherein comprising:
~~the~~ an image source which displays first and second images;
~~the~~ a first beam splitter which transmits a portion of the first image and reflects another portion of the first image;
~~the~~ a holographic optical element ~~has comprising~~ comprising an aspherical lens function and which reflects the transmitted portion of the first image back onto the beam splitter which further

reflects the transmitted portion of the first image; and

~~the stereoscopic display device further comprises a second beam splitter which transmits the second image onto a first space and reflects and projects ~~reflects~~ the further reflected portion of the first image onto a first space and which projects the second image onto a second space.~~

11 -16 (cancelled)

17. (currently amended) ~~The stereoscopic~~^A display device, of claim 15, wherein comprising:

~~the plurality of~~ first and second image sources are arranged inline;

first and second beam splitters; and

~~the at least one holographic optical element is a reflective holographic element having a spherical~~ an aspherical lens function and arranged at an acute angle with respect to one of the first and second image sources, wherein:

~~one of the plurality of image sources, a first image source and the first of the at least one beam splitter are arranged at a first acute angle and the at least one reflective holographic optical element and the first beam splitter are arranged at relative angles forming an "N"~~ a second acute angle;

~~another of the plurality of image sources~~ the second image source is arranged at an acute angle forming a "V" with respect to a the second of the at least one beam splitter; and

a first image is communicated from the ~~one of the plurality of image sources~~ first image source to a first space via the first of the at least one beam splitter, the at least one reflective holographic element and the second of the at least one beam splitter and a second image is communicated from the ~~another of the plurality of image sources~~ second image source to a second space via the second of the at least one beam splitter.

18 -31 (cancelled)

32. (new) The display device of claim 4, wherein each beam splitter is a holographic optical element.

33. (new) The display device of claim 10, wherein each beam splitter is a holographic

optical element.

34. **(new)** The display device of claim 17, wherein each beam splitter is a holographic optical element.

35. **(new)** The stereoscopic display device of claim 4, wherein each beam splitter has a half mirror function.

36. **(new)** The stereoscopic display device of claim 10, wherein each beam splitter has a half mirror function.

37. **(new)** The display device of claim 17, wherein each beam splitter has a half mirror function.

38. **(new)** The display device of claim 4, wherein the portion of the first image reflected onto the second space is a foreground image which is smaller in size than the second image transmitted onto the first space.

39. **(new)** The display device of claim 10, wherein the portion of the first image further reflected onto the second space is a foreground image which is smaller in size than the second image transmitted onto the first space.

40. **(new)** The display device of claim 17, wherein the first image communicated to the first space is a foreground image which is smaller in size than the second image communicated to the first space.

41. **(new)** The display device of claim 4, wherein the portion of the first image reflected onto the second space is a foreground image which is brighter than the second image transmitted onto the first space.

42. **(new)** The display device of claim 10, wherein the portion of the first image further reflected onto the second space is a foreground image which is brighter than the second image transmitted onto the first space.

43. **(new)** The display device of claim 17, wherein the first image communicated to the first space is a foreground image which is brighter than the second image communicated to the first space.

44. **(new)** The stereoscopic display device of claim 4, wherein each image is a still image.

45. **(new)** The stereoscopic display device of claim 10, wherein each image is a still image.

46. **(new)** The stereoscopic display device of claim 17, wherein each image is a still image.

47. **(new)** The stereoscopic display device of claim 4, wherein at least one of the images is a moving image.

48. **(new)** The stereoscopic display device of claim 10, wherein at least one of the images is a moving image.

49. **(new)** The stereoscopic display device of claim 17, wherein at least one of the images is a moving image.